

## 8<sup>th</sup> Grade Science Work

Date	Pre Class (1 <sup>st</sup> Section)	Classwork/ Homework
9/10	Why is it important to be organized in science?	Read pgs 152-153.1. Write down the definitions of the boldfaced words in your vocabulary section. 2. Compare and contrast these steps to the ones we use for science fair
9/11	<b>What is science to you?</b>	Read The Science World Magazine. Choose 3 Articles to write a summary on (put in HW section). Complete the activities on the back page.
9/12	Why is the scientific method important to scientists?	Complete Scientific Method Questions Worksheet
9/15	List at least 5 ways that you can tell things apart from one another. Give an example for each	Read pgs 4-9. Define all vocabulary (in section) and answer the reading checks (in HW section)
9/16	List an example of a solid, liquid and gas	Complete Directed Reading Sheet for Section 1
9/17	Which is not true? A. Matter is anything with mass and takes up space B. No two objects can occupy the same exact space C. Solids, liquids and gases all have a definite shape D. Air takes up space Explain why	Complete Math focus on Pg 8 Complete Section Review Pg 9
9/18	Explain how you find the volume of a liquid, solid and irregular solid.	Complete Standardized Test Prep Pgs 26-27
9/19	A. True or False-If false make true 1. All matter takes up space 2. A piece of matter can share the same space with another piece of matter 3. Large amounts of liquids are measured in milliliters 4. Cubic centimeters is the same as milliliters 5. Water displacement is used to find the volume for all solid objects B. What is the difference between walking on the surface of the moon and on the surface of the Earth?	Complete Matter Quiz
9/22	What does the word physical mean? What are some physical characteristics? Describe an orange (fruit) to someone who has never seen one before.	Pick 5 objects around the room. Do not write down the name of the object. Write down as many descriptions as possible for each object. Trade papers with someone to see if you can guess each other's object. Read pgs 10-15. Define all vocabulary (in section) and

		answer the reading checks (in HW section)
9/23	List three objects that would float on water and three that would sink on water. Give a reason why for each.	Complete Directed Reading Sheet for Section 2
9/24	You find a solid object that when put into water it sinks but does not dissolve. You can flatten it into a thin sheet if you pound on it, but cannot coil it into a wire. Since it has been lying out in the sun, it is extremely hot. Tell me about the object's six physical properties.	Complete Math Focus on Pg 13 Complete Section Review Pg 15

\*\*\*All work will be collected/checked on Monday September 29<sup>th</sup> . No excuses will be accepted for missed work.